

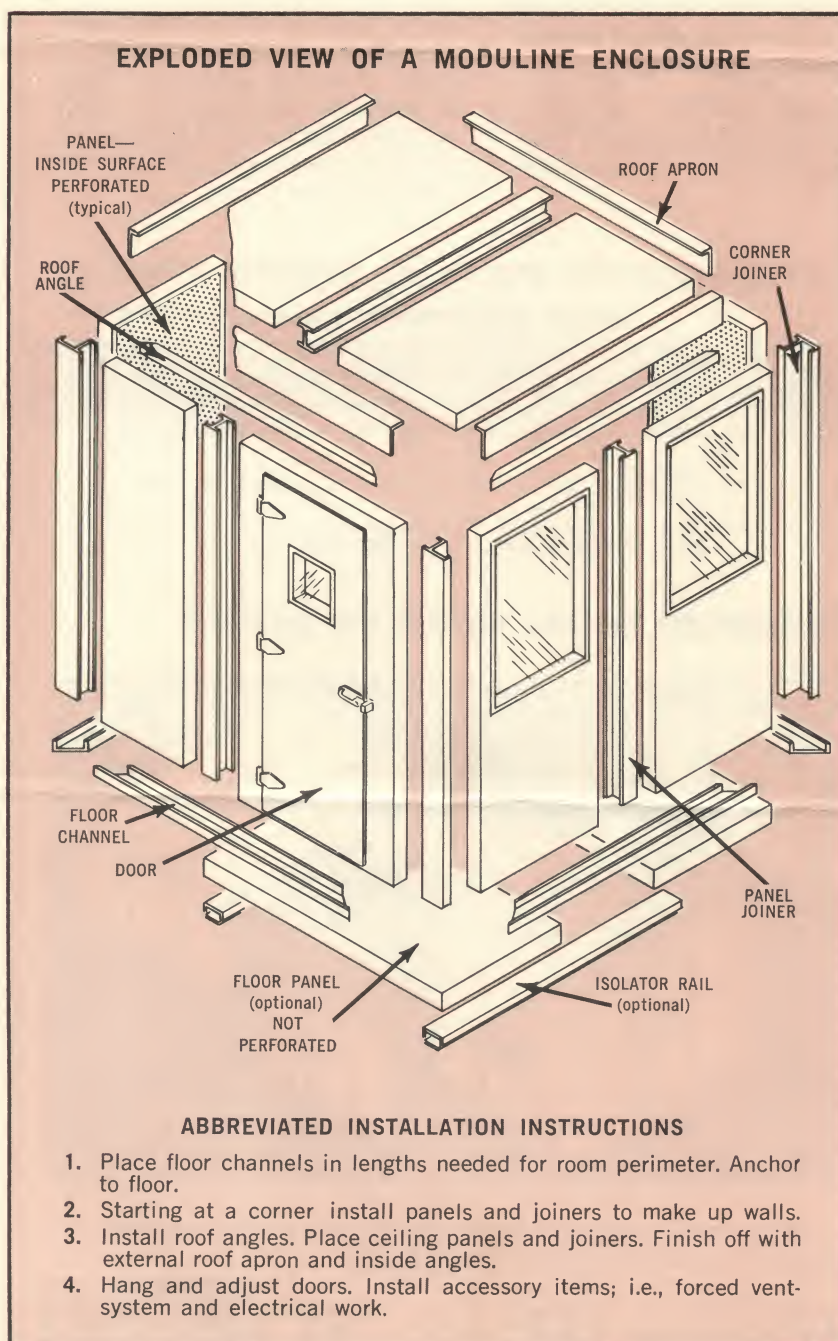


noise control for business and industry

iac moduline^(TM)

"do-it-yourself" acoustic structures
with **NOISHIELD** and **NOISE-LOCK** panels

ASSEMBLE SOUNDPROOF ENCLOSURES OF PRE-ENGINEERED COMPONENTS, SAVE UP TO 40% OVER SPECIAL DESIGNS!



WHY ACOUSTICALLY CONTROLLED AREAS ARE NECESSARY...

INDUSTRIAL NOISE CONTROL

- ELIMINATE HAZARDOUS NOISE EXPOSURE
- INCREASE PRODUCTION AND QUALITY

IAC noise control is a highly effective safeguard against the mounting compensation claims caused by noise-induced hearing loss. It helps reduce accidents and improve production by facilitating communications.

PRODUCT TEST & DEVELOPMENT

- PROVIDE THE CORRECT ACOUSTIC ENVIRONMENT FOR TESTING AND DEVELOPMENT
- IMPROVE PRODUCT QUALITY CONTROL

The quieter product has the best chance of winning the market. An IAC MODULINE acoustic room is a keystone in building quieter products.

**NEW IAC MODULINE SYSTEM
IS THE ANSWER TO YOUR NEEDS!**

The IAC MODULINE "do-it-yourself" system provides a swift, effective and economical solution to noise problems. Wherever noise is to be contained or blocked out, these rugged structures give maximum performance at minimum cost. ■ With the MODULINE system, you purchase components pre-engineered by IAC, ready for quick assembly into heavy-duty acoustical structures. No special tools needed. The structure may be easily demounted or modified for optimum utilization—with no loss of acoustic properties! Only two men are needed to handle MODULINE panels. Easy-to-follow installation instructions are provided. ■ We also welcome your inquiries for fully custom-engineered installations including anechoic and reverberant rooms.

moduline's standard components for a wide range of needs.....

VERSATILITY OF USE — All MODULINE panels are interchangeable with others of the same size, regardless of wall or ceiling location. They are shipped ready for immediate assembly. MODULINE components are made of cold-rolled and galvanized steel. Cold-rolled surfaces are prime coated. ■ The panels are 4" thick and are available in widths of 16", 36" and 48". Normal widths of assembled structures range from 60" through 288", in 12" increments. ■ Heights of panels available in each width are: 84", 96", 120" and 144". Heights may be increased by stacking panels. Any length over 36" is possible, in 12" increments. ■ Where vibration is present, a structurally isolated MODULINE

floor is recommended with a maximum floor width of 144". However, excellent results are often attainable using an existing floor.

TWO PANEL TYPES — MODULINE panels are available in two types to meet varying acoustic requirements. Both types provide excellent acoustical and thermal insulation.

■ **NOISHIELD® PANELS:** For simple walls, screens, partial and complete rooms and enclosures. More than adequate noise reduction for many applications.

■ **NOISE-LOCK® PANELS:** A high performance acoustic panel. For complete rooms and enclosures where more noise reduction is required.

OTHER COMPONENTS — Doors, floors, windows, ventilation units and silencers, panel joiners, trim and hardware are furnished in acoustically compatible design.

TYPICAL APPLICATIONS — Movable Sound Baffles ■ Quiet Rooms ■ Quality Control and Equipment Test Rooms ■ Product Development Rooms ■ Acoustic/Thermal Fan Plenums ■ Quiet Havens ■ Communication Centers ■ Control and Observation Rooms ■ Power Plant Offices ■ Marine and Dredger Cabins ■ Traffic Control Centers ■ Supervisory Offices ■ Recruiting and Interviewing Offices ■ Vibration Test Enclosures ■ Soundproof Partitions ■ Construction Offices ■ Tool Cribs ■ First-Aid Stations.

ACOUSTICAL & THERMAL CHARACTERISTICS OF MODULINE SYSTEM PANELS

NOISE REDUCTION IN DECIBELS

Octave Bands in CPS	37.5-75	75-150	150-300	300-600	600-1200	1200-2400	2400-4800	4800-9600	"U" FACTOR
Noishield	17	22	27	35	42	51	53	51	.07
Noise-Lock	22	28	35	44	52	58	61	63	.07

NOTE: Actual field performance may vary depending upon type of installation.

SOUND ABSORPTION CHARACTERISTICS

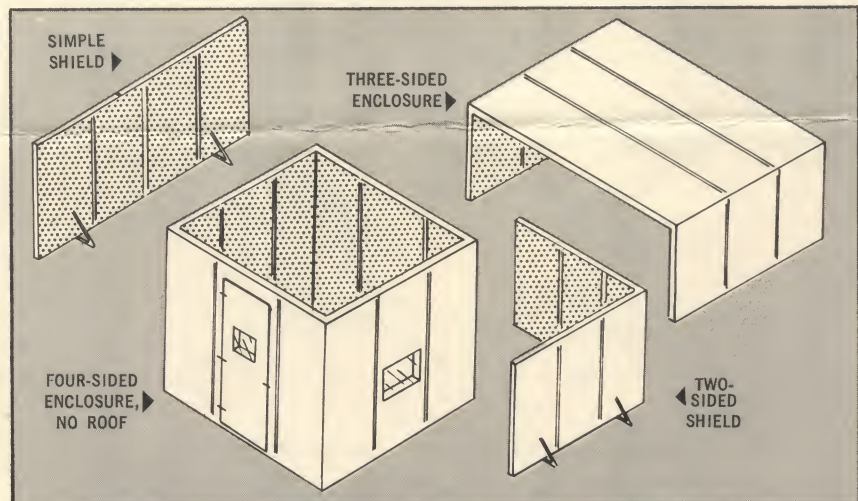
Octave Bands in CPS	37.5-75	75-150	150-300	300-600	600-1200	1200-2400	2400-4800	4800-9600	NRC
Absorption Coefficients	.54	.74	.90	.99	.93	.99	.98	.91	.95

NOTE: Applies to Both Noishield and Noise-Lock

TYPICAL STRUCTURES ASSEMBLED OF IAC MODULINE PANELS



PRODUCT DEVELOPMENT ROOM



All designs and specifications subject to change without notice.



INDUSTRIAL ACOUSTICS COMPANY, INC.

380 Southern Boulevard, Bronx, New York 10454

Telephone: (212) 292-0180

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| ☐ | Sound Isolation Rooms – Quiet Rooms | | |
| ☐ | Moduline Room and Enclosure Components | | |
| ☐ | Quality Control Rooms | | |
| ☐ | “All Purpose Room” – APR | | |
| ☐ | Heavy Duty Industrial Doors | | |
| ☐ | Mini-Sized Test Chambers | | |

☐ I Have a Special Application _____

☐ HAVE YOUR REPRESENTATIVE CALL!

OTHER IAC PRODUCTS: Movable acoustic room dividers.
Medical examination and research rooms. Silencers and
plenums for heating and air conditioning systems. Gas
turbine and aircraft engine silencers.

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LITERATURE ENCLOSED

ML 565

October 18, 1965

Systems Consultant
Box 1546
Poughkeepsie, N. Y. 12603

Attention: Mr. T. H. Nelson

Gentlemen:

Thank you for your inquiry. We take pleasure in enclosing the product literature you requested.

If you require additional information, or wish to have an IAC Representative call upon you, simply complete the attached card.

We look forward to being of service.

Very truly yours,

INDUSTRIAL ACOUSTICS COMPANY, INC.

S. Lee Perlow
Marketing Services Manager

Your IAC Representatives

Lerner Equipment Company
P. O. Box 142
Kingsbridge Station
Bronx, New York 10463